

**INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION**
(PTO-1449)

ATTY. DOCKET NO.
1509-259SERIAL NO.
Not Yet AssignedAPPLICANT
Lawrence WILCOCKFILING DATE
Concurrently herewithGROUP
UnknownJ1046 U.S. PTO
10/05/0000 01/29/01**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JM	5,943,427	8/24/99	Massie et al			
JM	6,054,989	4/25/00	Robertson et al			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JM	Kobayashi, Minoru et al, "Dynamic Soundscape: mapping time to space for audio browsing," CHI 97 Electronic Publications: Papers, http://www.acm.org/sigchi/chi97/proceedings/paper/kob.htm
	Billinghurst, M. et al, "A Wearable Spatial Conferencing Space," Human Interface Technology Laboratory, Seattle, WA and Advanced Perception Unit, Ipswich, UK
	Goose, S. et al, "A 3D Audio Only Interactive Web Browser: Using Spatialization to Convey Hypermedia Document Structure," ACM Multimedia '99 10/99, Orlando, FL
	Sawhney, Nitin et al, "Speaking and Listening on the Run: Design for Wearable Audio Computing," 1998 IEEE
JM	Kyriakakis, C. et al, "Signal Processing, Acoustics, and Psychoacoustics for High Quality Desktop Audio," <u>Journal of Visual Communication and Image Representation</u> , Vol. 9, No. 1, March, pp. 51-61, 1998.
	King, Robert B. et al, "The Impact of Signal Bandwidth on Auditory Localization: Implications for the Design of Three-Dimensional Audio Displays," <u>Human Factors</u> , 1997, 39(2), 287-295.

EXAMINER

DATE CONSIDERED

12/12/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 1509-259		SERIAL NO. 10/058,000
				APPLICANT Lawrence WILCOCK		
				FILING DATE January 29, 2002		GROUP 2644
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Jm	5,850,455	12/1998	Arnold et al.			
	6,046,722	4/2000	McKiel, Jr.			RECEIVED
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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
Jm	92/09921 ✓	6/1992	WO			
	0528743A1 ✓	2/1993	EP			
	0966719A2 ✓	12/1999	EP			
	2360681A ✓	9/2001	GB			
	2000-322168 ✓	11/2000	JP			
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	8-76919	3/1996	JP			
	8-76919	3/1996	JP (English Abstract)			
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Jm ↓	Sawhney, N. et al., "Nomadic Radio: Speech & Audio Interaction for Contextual Messaging in Nomadic Environments," Speech Interface Group, MIT Media Lab, E15-352, Cambridge, MA					
	Schmandt, C., "Audio Hallway: a Virtual Acoustic Environment for Browsing," ACM 0-58113-034-1/98/11, UIST '98, San Francisco, CA					
EXAMINER <i>Lawrence Wilcock</i>	DATE CONSIDERED <i>12/12/03</i>					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.